

Ajay Gangwar

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GitHub: [GitHub/ajaygangwar945](#)

Portfolio: <https://ajay-gangwar-portfolio.netlify.app>

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SKILLS

- Languages:** Python, C/C++, JavaScript, Java
- Frameworks:** React, Next.JS, Express, NodeJS, HTML and CSS, Tailwind CSS
- Tools/Platforms:** MySQL, MongoDB, Figma, MS Excel, Power BI, Git, GitHub, Linux
- Core CS Fundamentals:** DBMS, OS, CN, SQL, OOPs
- AI/ML & Data:** Pandas, NumPy, Seaborn, Scikit-learn, Matplotlib
- Soft Skills:** Problem-Solving, Time Management, Leadership, Team Player, Adaptability

PROJECTS

Ayush Healthcare Interoperability Platform | [GitHub](#) | [Live](#)

Sep '25 – Oct '25

- Developed a full-stack healthcare platform using React and FastAPI to bridge traditional medicine with global standards.
- Engineered a dual-coding engine mapping NAMASTE terms to ICD-11 and SNOMED CT via AI-powered fuzzy matching.
- Implemented HL7 FHIR R4 compliance and ISO 22600 access controls for standardized health data exchange.
- Integrated ABHA OAuth2 authentication and real-time WHO APIs to support national digital health ecosystems.
- Tech Stack:** Python (FastAPI), React, TypeScript, HL7 FHIR R4, WHO API

ATS Resume Score | [GitHub](#) | [Live](#)

Mar '25 – Apr '25

- Developed an AI-powered resume analyzer using Streamlit to evaluate candidate profiles against job descriptions.
- Integrated Google Gemini API to process PDF documents and generate intelligent alignment scores with feedback.
- Implemented advanced keyword matching algorithms to identify missing skills and calculate precise job fit percentages.
- Engineered a secure data processing pipeline converting PDFs to images for efficient real-time analysis.
- Tech Stack:** Python, Streamlit, Google Gemini API, Pillow

Pet Adoption & Animal Welfare | [GitHub](#) | [Live](#)

Jun '24 – Jul '24

- Developed a responsive web platform using HTML, CSS, and JavaScript to facilitate seamless pet adoption.
- Integrated Swiper.js to engineer an interactive image slider for dynamic and engaging visual storytelling.
- Implemented robust client-side form validation to ensure accurate data collection for user inquiries.
- Deployed the application on Netlify, optimizing the interface for full accessibility across all devices.
- Tech Stack:** HTML5, CSS3, JavaScript, Swiper.js, Netlify

TRAINING

Lovely Professional University - CodeQuery | [Certificate](#)

Jun '25 - Jul '25

- Developed a centralized conference portal using Oracle APEX to automate academic paper submission workflows.
- Designed a normalized database schema utilizing PL/SQL triggers and sequences to enforce strict data integrity.
- Implemented stored procedures to encapsulate complex business logic for managing paper review lifecycles.
- Engineered secure role-based access controls and dashboards to eliminate manual email-based tracking.
- Tech Stack:** Oracle Database 19c, Oracle APEX, PL/SQL, SQL Developer

CERTIFICATES

- Introduction to Modern AI | Cisco | [Link](#)
- Flutter UI Bootcamp | Udemy | [Link](#)
- Python for Data Science | NPTEL | [Link](#)
- Software Engineering | Coursera | [Link](#)

Nov '25

Oct '25

Feb '25

May '24

CO-CURRICULAR ACTIVITY

Secured 2nd Position in HackTheBlock Hackathon | [Certificate](#)

Jun '25

Achieved 2nd place among 600+ participants, winning \$300 for delivering a high-impact blockchain-based project.

- Solved 100+ coding problems across LeetCode and GFG, strengthening problem-solving and logical thinking.

Apr '25

EDUCATION

- Lovely Professional University**
Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.38**
Phagwara, Punjab
Since Aug '23
- Vidya Bhavan Public School**
Intermediate; **Percentage: 74 %**
Bareilly, Uttar Pradesh
Apr '21 – Apr '22
- Vidya Bhavan Public School**
Matriculation; **Percentage: 90%**
Bareilly, Uttar Pradesh
Apr '19 – Apr '20